

Private firm doing some S&B inspections

Damarc Quality Inspection Services has begun to conduct initial installation inspections of boilers, pressure vessels, power and refrigeration piping, and mechanical refrigeration as an agent of the Department of Commerce. The company was chosen after a competitive Request for Bids process.

**Building and fire codes
are seen as
complementary**

see page 7

Division offers first online education course

If you have a computer with Internet Access (56k modem or faster) and a Web browser, you can connect to an online interactive education class about plumbing code changes in 2004. You'll need a separate telephone line for the audio portion of the presentation (via a toll-free number). The two-part class will be Tuesday, March 29, and Wednesday, March 30, 2005, from 7 to 8:30 p.m.

Go online to sign-up to receive an email in the near future about the class details and online registration, <http://www.commerce.state.wi.us/SB/SB-DivContinuingEducation.html>. S&B will be assisted in this first-time project by the UW Extension. Three credit hours for MP, JP, MPRS, JPRS, Comm Plbg Insp., UDC Plbg Insp. Cost - \$60.



Wisconsin administrative rules require Commerce (Safety and Buildings Division) to inspect those types of new installations.

Because of the volume of inspections needed, compared to the number of S&B staff, the division has contracted with Damarc to do inspections in Marquette, Columbia, Dane, and Green counties. Each Damarc inspector has identification that they will show to installation owners/operators.

Periodic inspections and Permits to Operate (PTOs) are also required for the equipment. Private firms have previously done some periodic inspections.

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Wisconsin Construction Codes Report



Safety and Buildings
Division, October, 2004

[www.wisconsin.gov/
state/app/wizard](http://www.wisconsin.gov/state/app/wizard)



www.wisconsin.gov



Check out UW Extension's WisLine
Web: <http://www.uwex.edu/ics/wlweb/>

"...participants liked the way the speaker could point on items on the slides and they could follow remotely, and see the pointer."

"It went great! We were very happy with the use of this technology for our meeting. It really conveyed everything we needed it to in an effective way. The participants had never done one of these before and commented at the end that it was a great way to meet."

Fall and Early Winter 2004 Plumbing and POWTS Continuing Education

Put a check mark in front of the classes you wish to attend.

Introduction to Stormwater Plan Submission and Installation - This six-hour course provides an overview of the revisions to Comm 82.36, and to different options for plan design and installation using the newly-revised code. Students should bring a notebook, pencil, and calculator. Six credit hours for MP, JP, MPRS, JPRS, Commercial Plumbing Inspector, UDC Plumbing Inspector - 8:30 to 11:30 a.m. 12:30 to 3:30 p.m. - Course 6482 - Cost \$90

- ☐ Superior, 10/7/04 (WITC, 600 N 21st Street, 715-394-6677 ext. 6292)
- ☐ Waukesha, 10/19/04 (Quality Inn, 2417 Bluemound Road, 262-786-0469)
- ☐ Green Bay, 11/10/04 (Ramada Plaza, 2750 Ramada Way 920-499-0631)
- ☐ Mineral Point, 12/2/04 (Comfort Inn, 1345 Business Park, 608-987-4747)

“Plumbing Exam Prep/Part 1, Miscellaneous Code Requirements” Taking an exam or need a code refresher? Part 1 covers a variety of issues in the code that may be a part of an MP or JP exam, including wastewater treatment devices, cross connection control, indirect and local wastes, health care facilities, and more! Three credit hours for MP, JP, Commercial Plumbing Inspector, UDC Plumbing Inspector – 8:30 to 11:30 a.m. - Course 6483 - Cost \$45

- ☐ Fond du Lac, 12/7/04 (Holiday Inn, 625 Rolling Meadows Drive, 920-923-1440)
- ☐ Eau Claire, 12/15/04 (Holiday Inn-Campus, 2703 Craig Rd, 715-835-2211)
- ☐ Wausau, 1/11/05 (Plaza Hotel & Suites, 201 N 17th Ave. 715-845-5773)
- ☐ Portage, 1/18/05 (Best Western Resort Hotel & Convention Center, 2701 Cty Rd CX, 608-742-2200)

“Plumbing Exam Prep/Part 2, Drain and Vent Design” This course provides an explanation of venting scenarios that are code compliant in Wisconsin, including vent sizing, stack vents, vent stacks, and the sizing of drain systems. Three credit hours for MP, JP, Commercial Plumbing Inspector, UDC Plumbing Inspector - 12:30 to 3:30 p.m. - Course 6484 - Cost \$45

- ☐ Fond du Lac, 12/7/04 (Holiday Inn, 625 Rolling Meadows Drive, 920-923-1440)
- ☐ Eau Claire, 12/15/04 (Holiday Inn-Campus, 2703 Craig Rd, 715-835-2211)
- ☐ Wausau, 1/11/05 (Plaza Hotel & Suites, 201 N 17th Ave. 715-845-5773)
- ☐ Portage, 1/18/05 (Best Western Resort Hotel & Convention Center, 2701 Cty Rd CX, 608-742-2200)

“Plumbing Exam Prep/Part 3, Water Sizing” How to properly size the water service and water distribution. Three credit hours for MP, MPRS, MPRA, JP, JPRA, JPRS, Commercial Plumbing Inspector, UDC Plumbing Inspector - 8:30 to 11:30 a.m. - Course 6485 - Cost \$45.

- ☐ Fond du Lac, 12/8/04 (Holiday Inn, 625 Rolling Meadows Drive, 920-923-1440)
- ☐ Eau Claire, 12/16/04 (Holiday Inn-Campus, 2703 Craig Rd, 715-835-2211)
- ☐ Wausau, 1/12/05 (Plaza Hotel & Suites, 201 N 17th Ave. 715-845-5773)
- ☐ Portage, 1/19/05 (Best Western Resort Hotel & Convention Center, 2701 Cty Rd CX, 608-742-2200)

“Plumbing Exam Prep/Part 4, POWTS Basic soils, application rates, component manuals, and design of conventional, pressure, and mound systems. Three credit hours for MP, MPRS, JP, JPRS, Commercial Plumbing Inspector, POWTS Inspec., POWTS Maint., CST - 12:30 to 3:30 p.m. - Course 6486 – Cost \$45

- ☐ Fond du Lac, 12/8/04 (Holiday Inn, 625 Rolling Meadows Drive, 920-923-1440)
- ☐ Eau Claire, 12/16/04 (Holiday Inn-Campus, 2703 Craig Rd, 715-835-2211)
- ☐ Wausau, 1/12/05 (Plaza Hotel & Suites, 201 N 17th Ave. 715-845-5773)
- ☐ Portage, 1/19/05 (Best Western Resort Hotel & Convention Center, 2701 Cty Rd CX, 608-742-2200)

"2004 Plumbing Code Changes" Do you know how the most recent code changes will affect you? Learn about the 82.36 and 82.365 code package and changes related to clearwater sumps, roof drains, storm design and more! Three credit hours for MP, JP, MPRS, JPRS, Comm Plbg Insp., UDC Plbg Insp. - 8:30 to 11:30 a.m. - Course 6490 - Cost \$45

- ___ Portage, 12/9/04 (Best Western Resort Hotel & Conf Center, 2701 Cty Rd CX, 608-742-2200)
- ___ Hayward, 3/2/05 (Haywards Inn & Suites, Hwy 27, 715-634-4100)
- ___ Green Bay, 3/9/05 (Ramada Plaza, 2750 Ramada Way, 920-499-0631)
- ___ Waukesha, 2/16/05 (Quality Inn, 2417 Bluemound Rd, 262-786-0469)
- ___ Mineral Point, 2/23/05 (Comfort Inn, 1345 Business Park Rd, 608-987-4747)

"2004 POWTS Code Changes" Comm 83, 84, 85 update, products update. Spring classes include installation and inspection techniques. Three credit hours for MP, JP, MPRS, JPRS, Comm Plbg Insp., POWTS Insp., POWTS Maint., Soil Tester. - 12:30 to 3:30 p.m. - Course 6489 - Cost \$45

- ___ Portage, 12/9/04 (Best Western Resort Hotel & Conf Center, 2701 Cty Rd CX, 608-742-2200)
- ___ Hayward, 3/2/05 (Hayward Inn & Suites, Hwy 27, 715-634-4100)
- ___ Green Bay, 3/9/05 (Ramada Plaza, 2750 Ramada Way, 920-499-0631)
- ___ Waukesha, 2/16/05 (Quality Inn, 2417 Bluemound Rd, 262-786-0469)
- ___ Mineral Point, 2/23/05 (Comfort Inn, 1345 Business Park Rd, 608-987-4747)

"In Depth In Situ Soils Review, aka part I of Natural Soil Treatment Systems" Basic soil morphology, soil treatment, soil limitations, soil reports, interpretation and use, soil modifications Three credit hours for MP, JP, MPRS, JPRS, Comm Plbg Insp., POWTS Insp., Soil Tester. - 8:30 to 11:30 a.m. - Course 6491 - Cost \$45

- ___ Fond du Lac, 1/18/05 (Moraine Park Tech. College Room A112 World Link Center, 262-335-5840)
- ___ Mauston, 1/11/05 (WWTC, 1000 College Ave, 608-847-7364)
- ___ Chippewa Falls, 1/4/05 (Chip. Valley Tech. College, Rm 112, 715-738-3840)

"Plumbing Products and Materials (part I)" What needs to be approved? What is the product and materials approval process? Selection of proper materials. 3 credit hours for MP, JP, MPRS, JPRS, MPRA, JPRA, Comm Plbg Insp, UDC Plbg Insp, POWTS Insp. 12:30 - 3:30 p.m. Course 6488 - Cost \$45

- ___ Fond du Lac, 1/18/05 (Moraine Park Tech. College Room A112 World Link Center, 262-335-5840)
- ___ Mauston, 1/11/05 (WWTC, 1000 College Ave, 608-847-7364)
- ___ Chippewa Falls, 1/4/05 (Chip. Valley Tech. College, Rm 112, 715-738-3840)

Pre-registration required. No walk-ins! Arrive 30 minutes early to check in. No confirmation letters will be sent. Limited seating. Lists of people registered for the classes will be on the S&B WebSite, beginning September 17, <http://www.commerce.state.wi.us/SB/SB-DivContinuingEducation.html>. Keep a copy of the completed registration form, so you know for when and where you've signed up.

Mail this registration form and check to: Safety and Buildings, Roberta Ward, PO Box 2689, Madison, WI 53701-2689.
Personal information you provide may be used for secondary purposes [Privacy Law, s. 1504(1)(m)]

Name _____

S&B Customer ID Number _____

Address _____

City/State/Zip _____

Daytime Telephone: _____ Total cost \$ _____

100-143-SBDV-323R-SG72-7630



Fuel tanks supplying combustion engines for auxiliary power must follow the rules

Emergency generators or auxiliary power units are combustion engines used to drive generators, alternators, fire pumps, and other essential equipment for emergency or backup energy purposes.

Many generator manufacturers and vendors are providing self-contained units that incorporate a sub-base tank system and weather protection housings or enclosures in a turnkey-style package.

Because of the fuel supply for these systems, the installation of the generator tanks is required to comply with the requirements of Comm 10, Flammable and Combustible Liquids Code.

Additionally, the installation must be under the supervision of a Wisconsin certified tank installer because of concerns for leak detection, spill protection and prevention, overfill prevention, tank setback requirements, and tank registration.

Welding change prompts another

Revisions to Comm 5, Licenses, Certifications, and Registrations Code, that went into effect August 1, 2004 extended the terms of new or renewed welder certifications to four years.

However, the revisions did not change the 3-year length of time after successfully completing a welding test that the welder is certified for that procedure.

The different length of time for the welder credential and the procedure certification could cause inconvenience to a welder in preparing for renewal of their credential.

The Safety and Buildings Division has initiated a code change process to revise the test certification period to four years and anticipates the changes could go into effect in 2005.

For more information contact Mike Verhagen, S&B welding consultant, mverhagen@commerce.state.wi.us, 262-548-8617.



The Environmental and Regulatory Services (ERS) Division of the Department of Commerce, Bureau of Petroleum and Tanks, has developed technical guidance information to help understand the rules for these installations, which can encompass multiple codes and standards.

For information relative to fuel tanks supplying stationary combustion engines see: <ftp://www.commerce.state.wi.us/ER-BST-PL-StationaryCombEngine.pdf>.

For additional guidance, contact any ERS Storage Tank Specialists or office technical staff members. See <http://commerce.wi.gov/ER/ER-ERS-Mail.html#BSTREMAIL>.

The *Wisconsin Plumbing Products Register* is updated each month, <http://www.commerce.state.wi.us/SB/SB-PubsPlumbProdReg.html>

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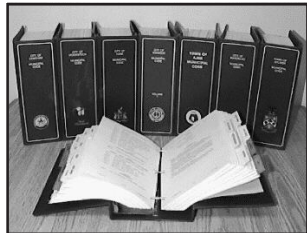
800/461-8851



**CONSTRUCTION & INDUSTRIAL
SAFETY CONSULTING SERVICES INC.**
1201 OHIO STREET, RACINE, WI 53405
262/633-8851 FAX 262/633-8853

You can participate in making codes you use

The Safety and Buildings Division and members of a number of advisory code councils have begun the process of considering revisions to the Wisconsin Commercial Building Code, Comm 61-65.



That effort brings to mind a chance to point out that people who use the codes which S&B administers, and model codes or standards adopted by the Wisconsin codes, can participate in code development processes.

While the consideration of Comm 61-65 is just beginning and will stretch for several years, there are other S&B code development projects in the hopper, which you can monitor and take part in. See the S&B Code Development page, <http://www.commerce.state.wi.us/SB/SB-CodeDevelopment.html>.

There are also opportunities to affect national codes, such as the International Code Council codes that are adopted in Comm 61-65, or National Fire Protection Codes, such as NFPA 1, Uniform Fire Code.

S&B offers email subscription services which allow interested parties and code council members

to receive email messages when S&B code development documents are placed online or when meetings are scheduled: <http://www.commerce.state.wi.us/SB/SB-DivEmailSignup.html>.

There is an explanation online of how to make code change proposals for S&B codes, <http://www.commerce.state.wi.us/SB/SB-CodeChangeProposals.html>. The code change proposal form, SBD-10503, is available from that Web page. Paper copies of the explanation and form are available by telephone or email requests to S&B office staff.

Both the ICC and NFPA national model code organizations allow anyone to propose revisions for their respective codes. In addition, anyone can attend the hearings on code revisions and provide comments on specific proposals. There are specific protocols to follow for the submission of revisions or providing comments to these groups. The specifics for each organization can be found on their respective web sites: NFPA at <http://www.nfpa.org/Codes/DevelopmentProcess.asp> and ICC at <http://www.iccsafe.org/cs/codes/>. To get an official vote on the model code revisions, you must be a member of the respective organizations. Check the web sites of the organizations for the membership details.

Fax or email technical code questions to:

- Amusement Rides, Rope/Ski Tows	608-283-7419	.....	healthsafetech@commerce.state.wi.us
- Boilers and Pressure Vessels	608-283-7420	.....	sbboilertech@commerce.state.wi.us
- Building and Plumbing Products	608-283-7407	.....	productech@commerce.state.wi.us
- Commercial Buildings, Comm 61-65	608-283-7402	.....	bldgtech@commerce.state.wi.us
- Electrical	608-283-7418	.....	electrictech@commerce.state.wi.us
- Elevators	608-283-7411	.....	elevatortech@commerce.state.wi.us
- Fire Prevention Program Forms	608-283-7412	.....	fireforms@commerce.state.wi.us
- Fire Protection Systems	608-283-7405	.....	fireprotech@commerce.state.wi.us
- Gas Systems	608-283-7420	.....	sbboilertech@commerce.state.wi.us
- Licenses, Certifications, Registrations	608-283-7400	.....	madisoncred@commerce.state.wi.us
- Manufactured/Mobile Homes	608-283-7401	.....	manf-homes@commerce.state.wi.us
- National Fire Incident Reporting	608-283-7412	.....	NFIRS@commerce.state.wi.us
- One- and Two-Family Dwelling Code	608-283-7428	.....	udctech@commerce.state.wi.us
- Plumbing, Cross Connection Control	608-283-7403	.....	plbgtech@commerce.state.wi.us
- Private Onsite Wastewater Treatment	608-283-7404	.....	powtstech@commerce.state.wi.us
- Public Sector Safety	608-283-7419	.....	healthsafetech@commerce.state.wi.us
- Public Swimming Pools	608-283-7406	.....	pooltech@commerce.state.wi.us
- Welding	608-283-7420	.....	sbboilertech@commerce.state.wi.us

Electrical Q&A

Question: A 1200 amp underground service has paralleled conductors in four separate non-metallic raceways. The contractor installed a fifth raceway in the same trench from the current transformer cabinet for a single equipment-bonding conductor. NEC 250.102(c) states, "Where service conductors are paralleled, the equipment bonding jumper, where routed with the raceways or conductors, shall also be paralleled". Similar language exists in section 250.122(c). The contractor believes paralleled grounding is not required, because the grounding conductor is in a separate raceway and therefore is not running with the raceways or conductors.

Answer: Section 250.92(B) indicates that the grounded conductor can provide the bonding on service equipment where installed in a manner provided in Section 250.8. If this method is used, there is no requirement for an equipment-grounding conductor. If the service is an ungrounded system, an equipment ground would be required in each raceway and would be based on the size of the service or the grounding electrode conductor at a minimum. Section 310.4



Answers based on the 2002 National Electrical Code. For info, contact the S&B Electrical Consultants listed on page 11.

covers conductors in parallel and states that where equipment-grounding conductors are used with conductors in parallel, they shall comply with the requirements of this section except that they shall be sized in accordance with 250.122. This says if you run the equipment-grounding conductor it must be in each raceway. The sizing per Table 250.122 would not apply to service conductors.

Question: In the Wisconsin Building Code, section 1003.2.11 states that egress illumination must be provided for the "exit discharge" in addition to the other egress areas. Does this require emergency lighting for the exterior of the building near the exit doors?

Answer: Yes. Section 2702.2.4 refers to Section 1003.3.2.11.2(4) Which states " In the event of power supply failure, an emergency system shall automatically illuminate all of the following areas: (4) The portion of the exterior exit discharge immediately adjacent to exit discharge doorways in buildings required to have two or more exits."

Question: How far apart can disconnects be located to be considered grouped as required in NEC 230-72?

Answer: Grouped is not defined in the NEC, so the dictionary definition should be used. The dictionary says a "group is an assemblage of objects regarded as a unit because of their comparative separation from others." To be considered grouped, disconnects must be close together and adjacent to each other.



Commercial Buildings Delegated Municipalities

Some municipalities in Wisconsin have authority to do building or fire protection plan review, inspections, and otherwise carry out code-related functions as delegates of the Department of Commerce. For further information, and a list of current delegated municipalities, see the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-CommercialBuildingsDelegatedMunicipalities.html>.

Continuing education information is online,
<http://www.commerce.state.wi.us/SB/SB-DivContinuingEducation.html>

Building construction and fire prevention codes are complementary, DuPont says

As work on possible revisions of Comm 61-65, Commercial Building Code, and of Comm 14, Fire Prevention Code, is progressing, Safety and Buildings Division staff have been asked whether they view these two codes as being in conflict or competition with one another. According to Robert DuPont, S&B's Program Development Bureau Director, the answer is, "No."

"They are complementary," he said, "Comm 61-65 is a building code and Comm 14 is a fire prevention code. They each have a stated purpose."

The division considers Comm 14 in light of its stated purpose: "... the purpose of this code is to protect the public, employees, firefighters and property from the hazards of fire and explosion by establishing minimum standards for the use, operation, maintenance and inspection of buildings, structures and premises."

The building code's purpose is also notable:

"Comm 61.01 Purpose of code. ... the purpose of this code is to protect the health, safety and welfare of the public and employees by establishing minimum standards for the design, construction, maintenance and inspection of public buildings, including multifamily dwellings, and places of employment."

Questions about the two projects or the code development processes in general, may be directed to Joe Hertel, fire prevention program manager, jhertel@commerce.state.wi.us, 608-266-5649, or Jim Smith, commercial buildings program manager, jsmith@commerce.state.wi.us, 608-266-0251.

**Get a
smoke
alarm**



For information on S&B's code development processes, see page 5, or go online <http://www.commerce.state.wi.us/SB/SB-DivCodes.html>

Comm 14, Fire Code, revisions to legislature

Proposed revisions to Comm 14, Fire Prevention Code, were sent to the legislature for committee review on August 27, 2004. The revisions dealt with the facet of "substantial compliance" in relation to eligibility for distributions from the Two-Percent Fire Dues Fund. The review period is 30 days, which a committee may extend for another 30 days.

In early September, a "germane modification" was added to the proposed revisions for the committees to review. The modification added definition of expenses for administration of the

fire prevention program, in relation to state budget funds.

For the most current information, see S&B code development information online, <http://www.commerce.state.wi.us/SB/SB-CodeDevelopment.html>. Questions can be directed to Joe Hertel, S&B's fire prevention program manager, jhertel@commerce.state.wi.us, 608-266-5649.

Q&A about the Wisconsin Commercial Building Code is online, <http://www.commerce.state.wi.us/SB/SB-CommercialBuildingsCodeQuestions.html>

Info about status of a plan review:
<http://www.commerce.state.wi.us/SB/SB-DivReviewStatusSearch.html>



Boiler, pressure vessel, mechanical refrigeration, etc., inspections

continued from page 1

Damarc will be informed of needed inspections after S&B plan review of installations. When Damarc conducts an inspection, a report will be provided to the owner, and a copy sent to S&B. If no violations are shown, S&B will issue a Permit to Operate.

If there are administrative code violations, the inspector will issue corrective orders and schedule a second inspection, if necessary. After the second inspection, S&B will be notified of uncorrected violations, if any, so that appropriate enforcement actions can be taken.

Owners will receive two invoices, one from

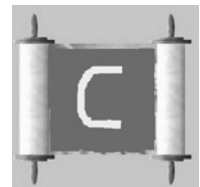
Damarc and one from S&B. There will not be an increase in costs to the owner. The invoice from Damarc will cover the cost of the inspection(s). Inspection fees are set by the contract and are less or equal to the fees required when S&B staff perform the inspection. The invoice from S&B covers the cost of processing the PTO, \$35 per device.

Questions may be directed to Rick Merkle, S&B section chief, 608-266-3037, umerkle@commerce.state.wi.us. The Damarc contact is Mark Rudek, 866-361-4321, or email at markrudek@damarcquality.com.

Codes, Codes, Codes

S&B Administrative **Codes**, Code Purchasing, Code Projects, Code Councils on the Internet: <http://www.commerce.state.wi.us/SB/SB-DivCodes.html>

Purchase paper copies from state Document Sales, 800-362-7253, or 608-266-3358



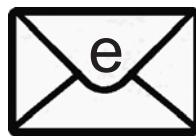
WCCR is Online

To receive a monthly email notifying you when the WCCR is placed online, see: <http://www.commerce.state.wi.us/SB/SB-DivEmailSignup.html>, or see the PDF file: <http://www.commerce.state.wi.us/SB/SB-DivPublications.html>

The **Wisconsin Plumbing Products Register**: <http://www.commerce.state.wi.us/SB/SB-PubsPlumbProdReg.html>



There are email groups set up for individual S&B programs. Sign-up to receive occasional messages on program topics of interest to you. See <http://www.commerce.state.wi.us/SB/SB-DivEmailSignup.html>



email
groups

Amusement Rides, Boilers, Commercial Buildings, Electrical, Explosives, Fire Department Safety and Health, Fire Prevention, Fire Protection Systems, Forms, Gas Systems, HVAC/Energy, Manufactured/Mobile Homes, Mine Safety, Plumbing, Private Onsite Wastewater Treatment, Public Sector Safety, Public Swimming Pools, Refrigeration, Rental Unit Energy Efficiency, Soil Erosion, Uniform Dwelling Code, Welding, Wisconsin Construction Codes Report

Plan Review Resources

To schedule a plan review appointment for commercial/multifamily buildings, pools or plumbing:

- Fax 24-hour toll-free number for appointment scheduling, 877-840-9172
- Email: planschedule@commerce.state.wi.us

For application **forms**:

- On the S&B WebSite, choose "Get Forms," <http://www.commerce.state.wi.us/SB/SB-DivForms.html>
- Call any of the offices listed in the back of this *WCCR*.

Info about **next available** review appointment: <http://www.commerce.state.wi.us/SB/SB-DivDailyDoc.html>.

Register Now for a Safety & Buildings Division Fall 2004 Electrical Education Classes!

The International Building Code and the NEC

Registration 7 a.m. to 8 a.m., Class 8 a.m. to 3 p.m (6-hour classes)

Put a check mark in front of the classes you wish to attend

- ☐ Fri., Oct. 29, Menomonee Falls, Silver Spring Country Club, N56 W21318 Silver Spring Dr., 262-252-4994
☐ Thurs., Nov. 11, Wausau, Park Inn, 2101 N. Mountain Rd., 715-842-0711
☐ Sat., Nov. 13, Menomonee Falls, Silver Spring Country Club, N56 W21318 Silver Spring Dr., 262-252-4994
☐ Sat., Dec. 4, Green Bay, Comfort Suites/Rock Garden, 1951 Bond St., 920-499-7449
☐ Wed., Dec. 8, Madison, Holiday Inn East, 3841 E. Washington Ave., 608-244-2481

NFPA 70E Standard for Electrical Safety Requirements for Employee Workplaces, taught by Ken Mastrullo of NFPA

Registration 7 a.m. to 8 a.m., Class 8 a.m. to 5 p.m. (8-hour class)

Put a check mark in front of the classes you wish to attend

- ☐ Mon., Nov. 8, Madison, Holiday Inn East, 3841 E. Washington Ave., 608-244-2481



Class fee: \$115 – includes break refreshments, lunch, and handout material. Registration required two weeks prior to the class. Walk-ins will be turned away! No refunds, unless class is already full. Each classroom is limited to 150 attendees. No confirmation of registration will be returned to you, so mark your calendar and copy this form for future reference! See lists of registrants online, <http://www.commerce.state.wi.us/SB/SB-DivContinuingEducation.html>.

Please make \$115 check payable to “Safety and Buildings Division.” Mail check and complete form to Safety and Buildings Division, Roberta Ward, PO Box 2689, Madison, WI 53701

Name (Print) _____

Address _____

City, State, Zip _____

Daytime Telephone Number _____

S&B Credential ID Number _____

Personal information you provide may be used for secondary purposes [Privacy Law, s.1504(1)(m)]

Questions on registration (only): rward@commerce.state.wi.us, Roberta Ward, 608-266-8741

Fiscal code: 100-143-SBDV-323R-SG75-7631



Safety and Buildings Offices

Green Bay Office
2331 San Luis Pl #150
Green Bay WI 54304
920-492-5601
Fax 920-492-5604
planschedule@commerce
.state.wi.us

Hayward Office
10541N Ranch Rd.
Hayward WI 54843
715-634-4870
Fax 715-634-5150
planschedule@commerce
.state.wi.us

La Crosse Office
4003 North Kinney
Coulee Road
LaCrosse WI 54601
608-785-9334
Fax 608-785-9330
planschedule@commerce
.state.wi.us

Madison Office
201 W Washington Ave
PO 2658
Madison WI 53701
608-266-3151
Fax 608-267-9566
planschedule@commerce
.state.wi.us

Shawano Office
1340 E Green Bay St #300
Shawano WI 54166
715-524-3626
Fax 715-524-3633
planschedule@commerce
.state.wi.us

Waukesha Office
141 NW Barstow St, 4th flr
Waukesha WI 53188
262-548-8600
Fax 262-548-8614
planschedule@commerce
.state.wi.us

Sample S&B email address:
samacher@commerce.state.wi.us

Fire Dept. Safety and Health, Amusement Ride, Public Sector Occupational Safety Inspectors

Scott Amacher Cameron 715-828-5912
Terrence Clark Stevens Point 715-345-5342
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Specialty Telephone Contacts

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